

10/576,243K Yong Chu 02/11/2010

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 3 OCT 07 EPFULL enhanced with full implementation of EPC2000
NEWS 4 OCT 07 Multiple databases enhanced for more flexible patent
number searching
NEWS 5 OCT 22 Current-awareness alert (SDI) setup and editing
enhanced
NEWS 6 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT
Applications
NEWS 7 OCT 24 CHEMLIST enhanced with intermediate list of
pre-registered REACH substances
NEWS 8 NOV 21 CAS patent coverage to include exemplified prophetic
substances identified in English-, French-, German-,
and Japanese-language basic patents from 2004-present
NEWS 9 NOV 26 MARPAT enhanced with FSORT command
NEWS 10 NOV 26 MEDLINE year-end processing temporarily halts
availability of new fully-indexed citations
NEWS 11 NOV 26 CHEMSAFE now available on STN Easy
NEWS 12 NOV 26 Two new SET commands increase convenience of STN
searching
NEWS 13 DEC 01 ChemPort single article sales feature unavailable
NEWS 14 DEC 12 GBFULL now offers single source for full-text
coverage of complete UK patent families
NEWS 15 DEC 17 Fifty-one pharmaceutical ingredients added to PS

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:02:32 ON 19 DEC 2008

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:02:51 ON 19 DEC 2008

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STRUCTURE FILE UPDATES: 18 DEC 2008 HIGHEST RN 1086785-80-9

DICTIONARY FILE UPDATES: 18 DEC 2008 HIGHEST RN 1086785-80-9

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

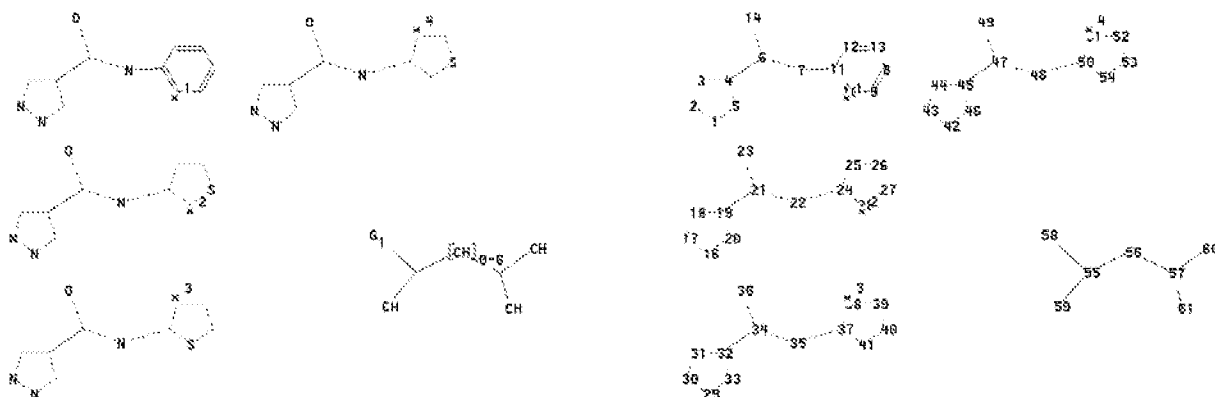
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

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chain nodes :

6 7 14 21 22 23 34 35 36 47 48 49 55 56 57 58 59 60 61

ring nodes :

1 2 3 4 5 8 9 10 11 12 13 16 17 18 19 20 24 25 26 27 28 29
30 31 32 33 37 38 39 40 41 42 43 44 45 46 50 51 52 53 54

chain bonds :

4-6 6-7 6-14 7-11 19-21 21-22 21-23 22-24 32-34 34-35 34-36 35-37 45-47
47-48 47-49 48-50 55-56 55-58 55-59 56-57 57-60 57-61

ring bonds :

1-2 1-5 2-3 3-4 4-5 8-9 8-13 9-10 10-11 11-12 12-13 16-17 16-20 17-18
 18-19 19-20 24-25 24-28 25-26 26-27 27-28 29-30 29-33 30-31 31-32 32-33
 37-38 37-41
 38-39 39-40 40-41 42-43 42-46 43-44 44-45 45-46 50-51 50-54 51-52 52-53
 53-54
 exact/norm bonds :
 1-2 1-5 2-3 3-4 4-5 6-7 6-14 7-11 16-17 16-20 17-18 18-19 19-20 21-22
 21-23 22-24 24-25 24-28 25-26 26-27 27-28 29-30 29-33 30-31 31-32 32-33
 34-35 34-36
 35-37 37-38 37-41 38-39 39-40 40-41 42-43 42-46 43-44 44-45 45-46 47-48
 47-49 48-50
 50-51 50-54 51-52 52-53 53-54 55-58
 exact bonds :
 4-6 19-21 32-34 45-47 55-56 55-59 56-57 57-60 57-61
 normalized bonds :
 8-9 8-13 9-10 10-11 11-12 12-13

G1:[*1],[*2],[*3],[*4]

Connectivity :

14:1 E exact RC ring/chain 23:1 E exact RC ring/chain 36:1 E exact RC ring/chain
 49:1 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:CLASS 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
 21:CLASS 22:CLASS
 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom
 32:Atom 33:Atom
 34:CLASS 35:CLASS 36:CLASS 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom
 43:Atom
 44:Atom 45:Atom 46:Atom 47:CLASS 48:CLASS 49:CLASS 50:Atom 51:Atom 52:Atom
 53:Atom 54:Atom
 55:CLASS 56:CLASS 57:CLASS 58:CLASS 59:CLASS 60:CLASS 61:CLASS

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 13:03:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 146 TO ITERATE

100.0% PROCESSED 146 ITERATIONS

49 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 2196 TO 3644

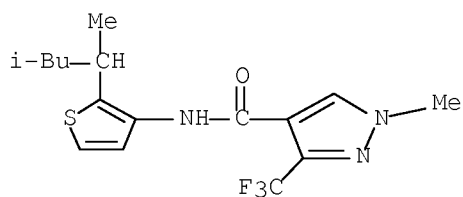
PROJECTED ANSWERS: 560 TO 1400

L2 49 SEA SSS SAM L1

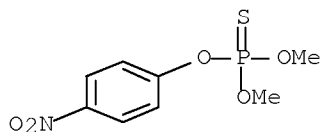
=> d scan

L2 49 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN Phosphorothioic acid, O,O-dimethyl O-(4-nitrophenyl) ester, mixt. with
N-[2-(1,3-dimethylbutyl)-3-thienyl]-1-methyl-3-(trifluoromethyl)-1H-
pyrazole-4-carboxamide (9CI)
MF C16 H20 F3 N3 O S . C8 H10 N O5 P S
CI MXS

CM 1

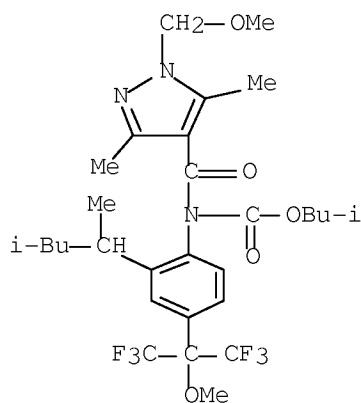


CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 49 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
IN INDEX NAME NOT YET ASSIGNED
MF C29 H39 F6 N3 O5



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s l1 full

FULL SEARCH INITIATED 13:03:55 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 3386 TO ITERATE

100.0% PROCESSED 3386 ITERATIONS

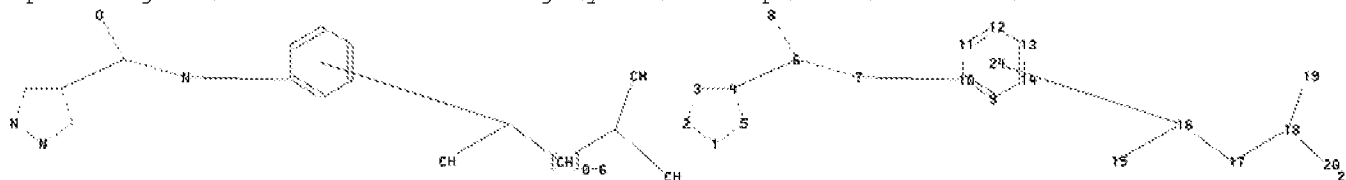
830 ANSWERS

SEARCH TIME: 00.00.01

L3 830 SEA SSS FUL L1

=>

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Full scope

chain nodes :

6 7 8 15 16 17 18 19 20 21

ring nodes :

1 2 3 4 5 9 10 11 12 13 14

chain bonds :

4-6 6-7 6-8 7-10 15-16 16-17 17-18 18-19 18-20 18-21

ring bonds :

1-2 1-5 2-3 3-4 4-5 9-10 9-14 10-11 11-12 12-13 13-14

exact/norm bonds :

1-2 1-5 2-3 3-4 4-5 6-7 6-8 7-10

exact bonds :

4-6 15-16 16-17 17-18 18-19 18-20 18-21

normalized bonds :

9-10 9-14 10-11 11-12 12-13 13-14

Connectivity :

8:1 E exact RC ring/chain

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS
21:CLASS 24:Atom

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l4 sam sss sub=l3

SAMPLE SUBSET SEARCH INITIATED 13:11:54 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 8 TO ITERATE

100.0% PROCESSED 8 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):

ONLINE **COMPLETE**

PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):

8 TO 329

PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):

3 TO 163

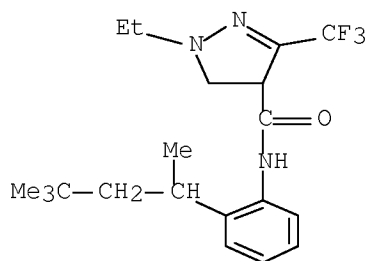
L5 3 SEA SUB=L3 SSS SAM L4

=> d scan

L5 3 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN INDEX NAME NOT YET ASSIGNED

MF C20 H28 F3 N3 O



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> s 14 full sss sub=13

FULL SUBSET SEARCH INITIATED 13:12:38 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 100 TO ITERATE

100.0% PROCESSED 100 ITERATIONS

35 ANSWERS

SEARCH TIME: 00.00.01

L6 35 SEA SUB=L3 SSS FUL L4

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

227.82

228.03

FILE 'CAPLUS' ENTERED AT 13:12:45 ON 19 DEC 2008

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FILE COVERS 1907 - 19 Dec 2008 VOL 149 ISS 26

FILE LAST UPDATED: 18 Dec 2008 (20081218/ED)

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<http://www.cas.org/legal/infopolicy.html>

=> s 16

L7 19 L6

=> d ibib abs hitstr tot

L7 ANSWER 1 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2008:943404 CAPLUS Full-text

DOCUMENT NUMBER: 149:217413

TITLE: Synergistic fungicidal compositions comprising formononetin

INVENTOR(S): Suty-Heinze, Anne; Mansfield, Darren; Gary, Stephanie

PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany

SOURCE: PCT Int. Appl., 136pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2008092580	A2	20080807	WO 2008-EP400	20080119
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.: EP 2007-2362 A 20070202

OTHER SOURCE(S): MARPAT 149:217413

AB Synergistic fungicidal compns. comprise formononetin and any of a very large no. of known fungicides. Thus, a mixt. of formononetin with trifloxystrobin synergistically controlled *Pyricularia oryzae* in vitro.

IT 1042348-50-4

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compn.)

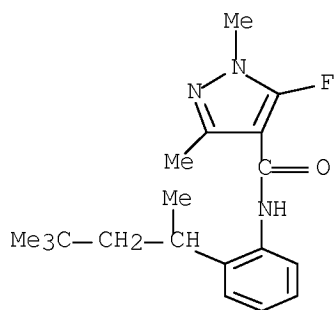
RN 1042348-50-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-, mixt. with
7-hydroxy-3-(4-methoxyphenyl)-4H-1-benzopyran-4-one (CA INDEX NAME)

CM 1

CRN 494793-45-2

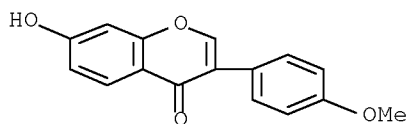
CMF C19 H26 F N3 O



CM 2

CRN 485-72-3

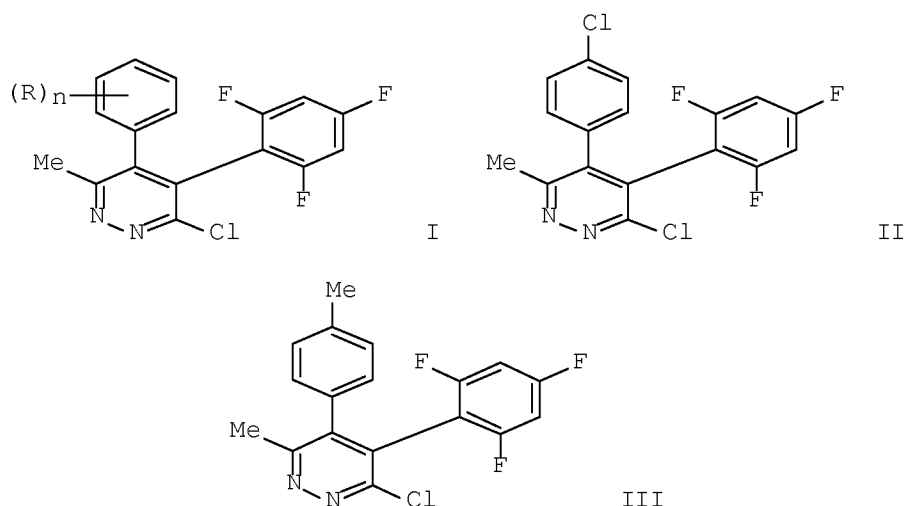
CMF C16 H12 O4



L7 ANSWER 2 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2008:160920 CAPLUS Full-text
 DOCUMENT NUMBER: 148:246465
 TITLE: Fungicidal compounds and compositions for treatment of
 phytopathogenic organisms
 INVENTOR(S): Godwin, Jeremy R.; Trah, Stephan; Lamberth, Clemens;
 Wendeborn, Sebastian Volker
 PATENT ASSIGNEE(S): Syngenta Participations AG, Switz.
 SOURCE: PCT Int. Appl., 37pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008014955	A2	20080207	WO 2007-EP6720	20070730
WO 2008014955	A3	20080417		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA				

PRIORITY APPLN. INFO.: GB 2006-15213 A 20060731
 OTHER SOURCE(S): MARPAT 148:246465
 GI

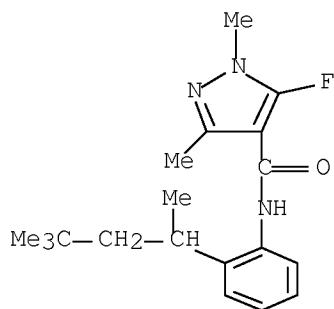


AB The present invention relates, inter alia, to a compd. having the formula (I; (R)n = 4-Br, 4-OCH₂CH₃, 4-OCH₂CF₃, 2-CH₃-4-Cl, 2-CH₃-4-OCH₃, 2-CH₃-4-OCF₃, 2-F-4-Br, 2-F-4-CF₃, 3-CH₃-4-Br, 3-F-4-Cl, 3-F-4-CH₃, 3-F-4-Br, 3-F-4-OCH₃ or 3-F-4-F). The present invention further relates to a fungicidal compn. comprising a compd. having the formula I, and also to fungicidal compns. comprising compds. having the formula II and/or III. Furthermore, the present invention relates to methods for controlling pathogenic organisms using the compns. Thus, wettable powder formulation comprised (in wt%): active ingredient 25, lignosulfonate 5, sodium lauryl sulfate 3, highly dispersed silicic acid 5, kaolin 62.

IT 494793-45-2 733812-42-5 851764-54-0
851764-57-3 851764-82-4 879882-79-8
RL: ARG (Analytical reagent use); THU (Therapeutic use); ANST (Analytical study); BIOL (Biological study); USES (Uses)
(fungicidal compds. and compns. for treatment of phytopathogenic organisms)

RN 494793-45-2 CAPLUS

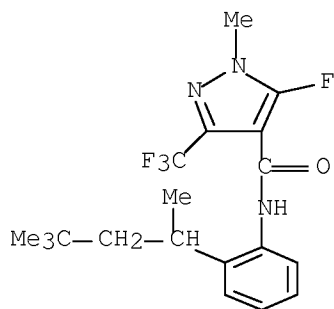
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 733812-42-5 CAPLUS

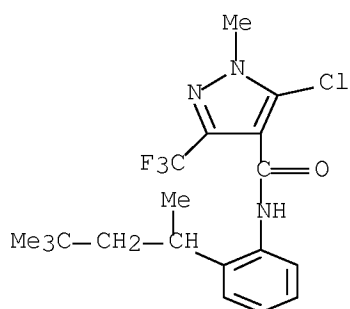
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-

(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



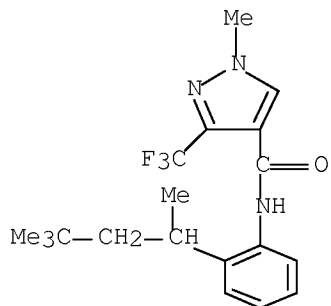
RN 851764-54-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



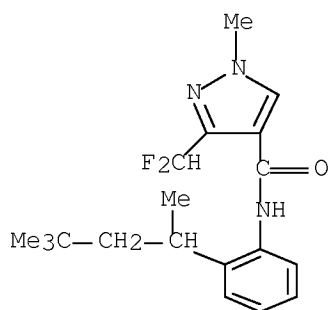
RN 851764-57-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)

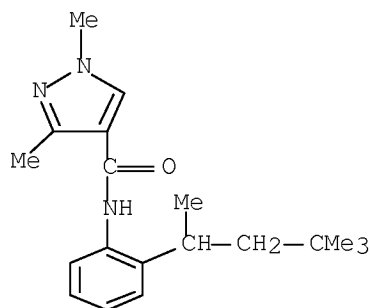


RN 851764-82-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 879882-79-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-
 (CA INDEX NAME)



L7 ANSWER 3 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2007:1116907 CAPLUS Full-text
 DOCUMENT NUMBER: 147:399893
 TITLE: Synergistic fungicidal compositions comprising a
 carboxamide derivative
 INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel,
 Ralf; Rieck, Heiko; Greul, Joerg Nico; Suty-Heinze,
 Anne; Elbe, Hans-Ludwig
 PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
 SOURCE: PCT Int. Appl., 131pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2007110173	A2	20071004	WO 2007-EP2449	20070320
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,				
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,				
GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM,				
KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK,				

MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
 RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
 TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
 GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM

DE 102006013784 A1 20070927 DE 2006-102006013784 20060324
 DE 102006014723 A1 20071004 DE 2006-102006014723 20060330
 EP 2001299 A2 20081217 EP 2007-723413 20070320

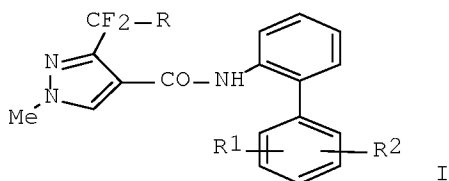
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR,
 AL, BA, HR, MK, RS

PRIORITY APPLN. INFO.:

DE 2006-102006013784A 20060324
 DE 2006-102006014723A 20060330
 WO 2007-EP2449 W 20070320

OTHER SOURCE(S): MARPAT 147:399893

GI

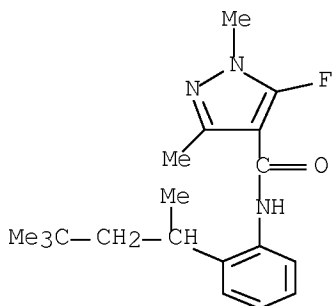


AB Synergistic fungicidal compns. comprise a carboxamide deriv. I [R = H or F; R1 = halo, (halo)alkyl, cyano, nitro, (halo)alkoxy or CR4:NOR5, ; R2 = H or R2; R4 = halo or Me; R5 = alkyl, alkenyl or alkynyl] and any of a large no. of known fungicides.

IT 494793-45-2D, mixts. with carboxamide derivs. 733812-42-5D, mixts. with carboxamide derivs. 851764-54-0D, mixts. with carboxamide derivs. 851764-57-3D, mixts. with carboxamide derivs. 851764-82-4D, mixts. with carboxamide derivs. 879882-79-8D, mixts. with carboxamide derivs.
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (synergistic fungicidal compns.)

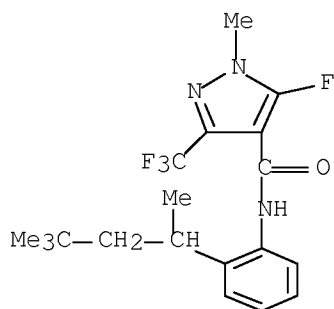
RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



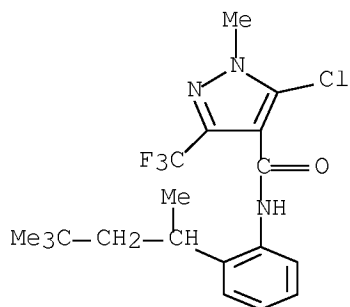
RN 733812-42-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



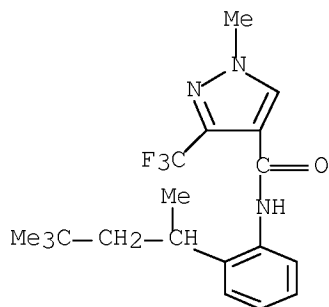
RN 851764-54-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)

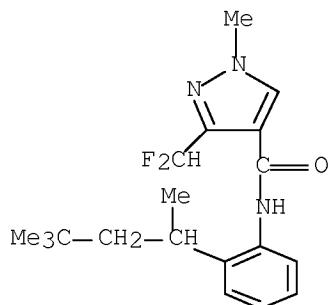


RN 851764-57-3 CAPLUS

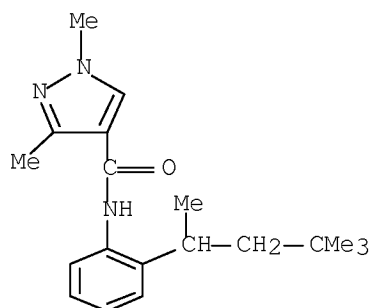
CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 851764-82-4 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 879882-79-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



L7 ANSWER 4 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2007:1081240 CAPLUS Full-text
 DOCUMENT NUMBER: 147:379836
 TITLE: Fungicidal compositions comprising carboxamides
 PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
 SOURCE: Ger. Offen., 79pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 102006013784	A1	20070927	DE 2006-102006013784	20060324
WO 2007110173	A2	20071004	WO 2007-EP2449	20070320
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,				
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,				

GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM,
 KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK,
 MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
 RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
 TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
 GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM

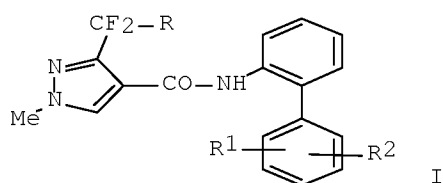
EP 2001299 A2 20081217 EP 2007-723413 20070320

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR,
 AL, BA, HR, MK, RS

PRIORITY APPLN. INFO.:

DE 2006-102006013784A 20060324
 DE 2006-102006014723A 20060330
 WO 2007-EP2449 W 20070320

OTHER SOURCE(S): MARPAT 147:379836
 GI



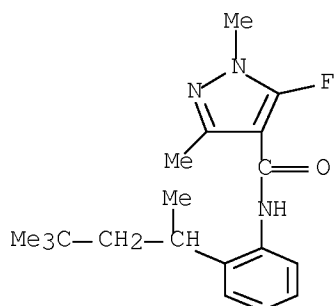
AB Fungicidal combinations comprise a carboxamide I [R = H or F; R1 = halo, (halo)alkyl, cyano, nitro, alkoxy, etc.; R2 = H, halo, (halo)alkyl, etc.] and any of a large no. of known fungicides.

IT 494793-45-2D, mixts. with carboxamides 733812-42-5D, mixts. with carboxamides 851764-54-0D, mixts. with carboxamides 851764-57-3D, mixts. with carboxamides 851764-82-4D, mixts. with carboxamides 879882-79-8D, mixts. with carboxamides

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicidal comps.)

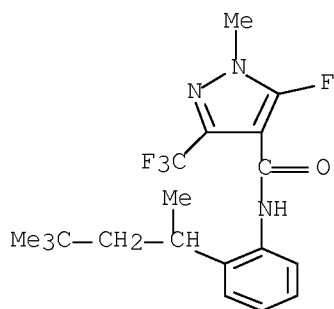
RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



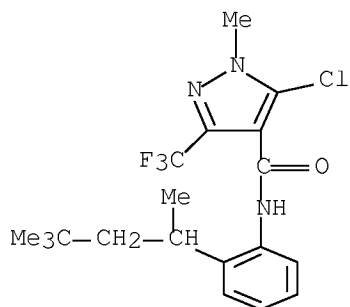
RN 733812-42-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



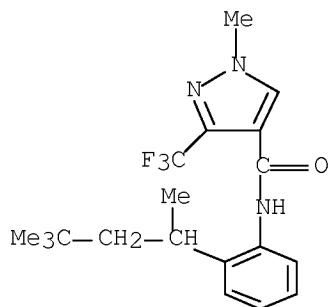
RN 851764-54-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)

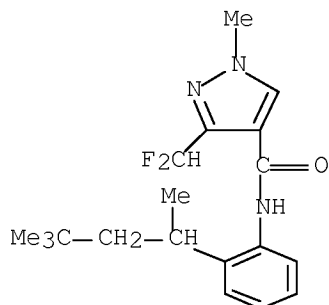


RN 851764-57-3 CAPLUS

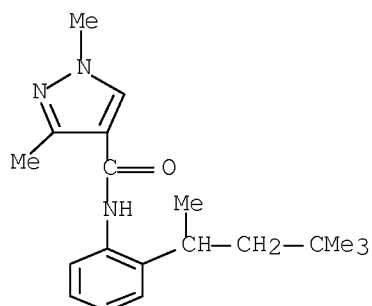
CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 851764-82-4 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 879882-79-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)

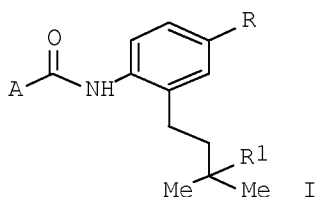


L7 ANSWER 5 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2007:1054385 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 147:358805
 TITLE: Fungicidal combinations including carboxamides
 INVENTOR(S): Dunkel, Ralf; Suty-Heinze, Anne; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Greul, Joerg Nico
 PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany
 SOURCE: PCT Int. Appl., 124pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2007104437	A1	20070920	WO 2007-EP1790	20070302
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				

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 GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
 KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN,
 MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,
 RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
 GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM

DE 102006011869 A1 20070920 DE 2006-102006011869 20060315
 PRIORITY APPLN. INFO.: DE 2006-102006011869A 20060315
 OTHER SOURCE(S): MARPAT 147:358805
 GI

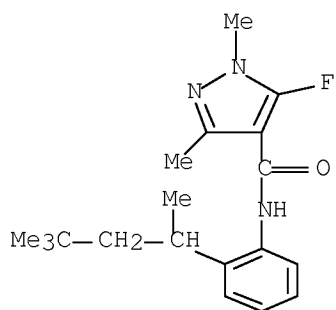


AB Novel active ingredient combinations with excellent fungicidal properties consist of a carboxamide of the general formula (I) (R = H, F; R1 = H, halo, (halo)alkyl; A = (un)substituted heterocycllyl) and .gtoreq.1 other active ingredient selected from 24 groups of compds. such as strobilurins and triazoles. Thus, a mixt. of 3-(difluoromethyl)-N-[2-(3,3-dimethylbutyl)phenyl]-1-methyl-1H-pyrazole-4-carboxamide and trifloxystrobin at 0.003 + 0.01 ppm synergistically inhibited growth of Pyricularia oryzae in microtiter plates.

IT 494793-45-2D, mixts. with carboxamides 733812-42-5D, mixts. with carboxamides 851764-54-0D, mixts. with carboxamides 851764-57-3D, mixts. with carboxamides 851764-82-4D, mixts. with carboxamides 879882-79-8D, mixts. with carboxamides
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
 (as synergistic fungicides)

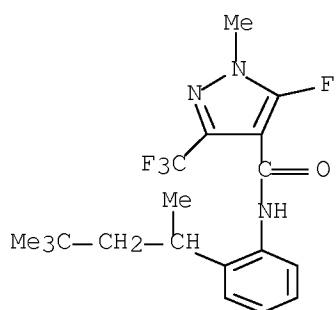
RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



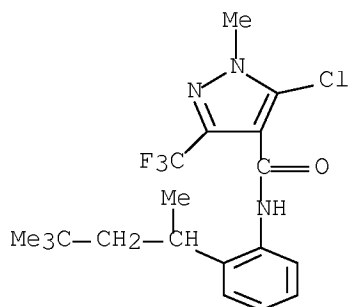
RN 733812-42-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



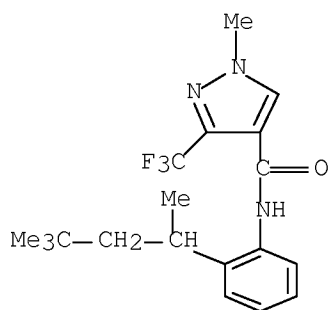
RN 851764-54-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



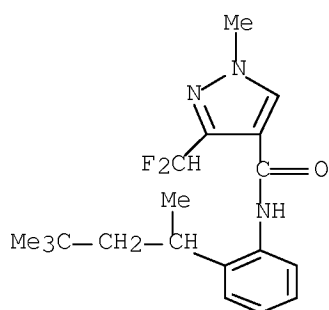
RN 851764-57-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



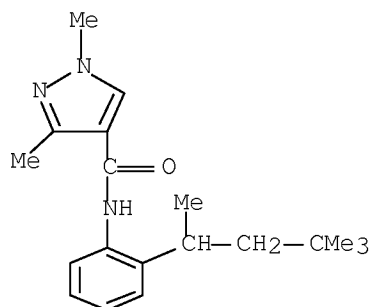
RN 851764-82-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 879882-79-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT:

6

THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:116750 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 146:178814

TITLE: Synergistic fungicides containing carboxamides, azoles, and optionally strobilurins
 INVENTOR(S): Dahmen, Peter; Wachendorff-Neumann, Ulrike; Haeuser-Hahn, Isolde; Elbe, Hans-Ludwig; Dunkel, Ralf
 PATENT ASSIGNEE(S): Bayer CropScience A.-G., Germany
 SOURCE: Ger. Offen., 33pp.
 CODEN: GWXXBX
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102005035300	A1	20070201	DE 2005-102005035300	20050728
CA 2616719	A1	20070322	CA 2006-2616719	20060715
WO 2007031141	A1	20070322	WO 2006-EP6932	20060715
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM EP 1916894 A1 20080507 EP 2006-828797 20060715 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR MX 200801124 A 20080313 MX 2008-1124 20080124 CN 101232808 A 20080730 CN 2006-80027511 20080128 IN 2008DN01091 A 20080704 IN 2008-DN1091 20080207 KR 2008032218 A 20080414 KR 2008-704245 20080222 PRIORITY APPLN. INFO.: DE 2005-102005035300A 20050728 WO 2006-EP6932 W 20060715				

OTHER SOURCE(S): MARPAT 146:178814

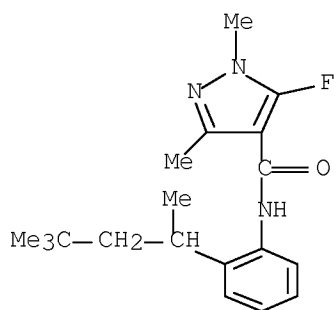
AB Synergistic fungicides that combine a known carboxamide, a known azole, and addnl. a second known azole or alternatively a known strobilurin are very well suited for abatement of undesired phytopathogenic fungi.

IT 494793-45-2D, mixts. with azoles and optionally strobilurins
 733812-42-5D, mixts. with azoles and optionally strobilurins
 851764-54-0D, mixts. with azoles and optionally strobilurins
 851764-57-3D, mixts. with azoles and optionally strobilurins
 851764-82-4D, mixts. with azoles and optionally strobilurins
 879882-79-8D, mixts. with azoles and optionally strobilurins

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicides for controlling phytopathogenic fungi)

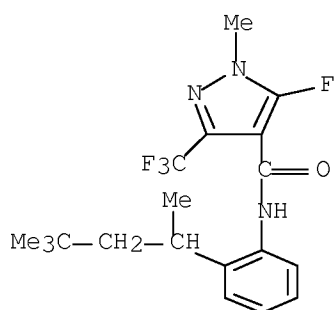
RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



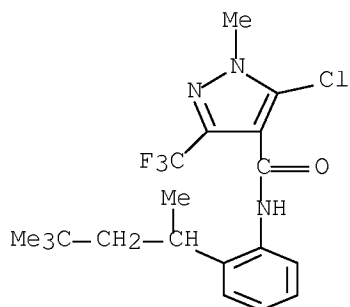
RN 733812-42-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



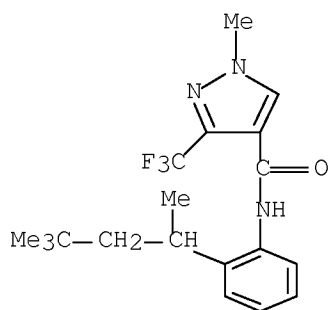
RN 851764-54-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



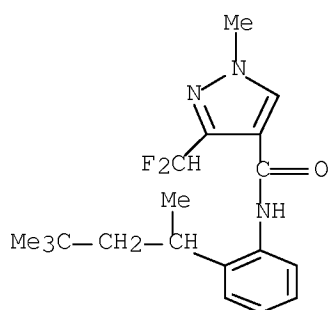
RN 851764-57-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



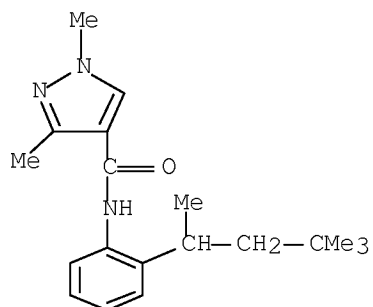
RN 851764-82-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 879882-79-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



L7 ANSWER 7 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2007:82534 CAPLUS Full-text

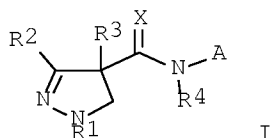
DOCUMENT NUMBER: 146:184445

TITLE: Preparation of pyrazole-4-carboxamides as agrochemical microbiocides.

INVENTOR(S): Lamberth, Clemens; Corsi, Camilla; Ehrenfreund, Josef;
 Tobler, Hans; Walter, Harald
 PATENT ASSIGNEE(S): Syngenta Participations A.-G., Switz.
 SOURCE: PCT Int. Appl., 93pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007009717	A1	20070125	WO 2006-EP7001	20060717
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
CA 2615518	A1	20070125	CA 2006-2615518	20060717
EP 1904450	A1	20080402	EP 2006-762639	20060717
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
IN 2007DN10197	A	20080620	IN 2007-DN10197	20071228
MX 200800584	A	20080314	MX 2008-584	20080111
CN 101223144	A	20080716	CN 2006-80026182	20080117
KR 2008033280	A	20080416	KR 2008-701468	20080118
US 20080188442	A1	20080807	US 2008-996094	20080118
PRIORITY APPLN. INFO.:			EP 2005-15526	A 20050718
			WO 2006-EP7001	W 20060717

OTHER SOURCE(S): MARPAT 146:184445
 GI



AB Title compds. [I; R1 = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R2 = haloalkyl, alkyl, alkoxyalkyl, haloalkoxy, haloalkoxyalkyl; R3 = H, alkyl, alkenyl, alkynyl, halo, cyano; R4 = H, alkyl, CH2CH:R4a, CH2C.tplbond.CR4b, COR4c; R4a, R4b = H, alkyl, haloalkyl, alkenyl, alkynyl, cycloalkyl, cyano, etc.; R4c = alkyl, haloalkyl, alkoxy, haloalkoxy, alkylthio, haloalkylthio, alkoxy, haloalkoxy, alkenyloxy, alkynyloxy, haloalkynyloxy, etc.; X = O, S; A = substituted Ph, thienyl, furyl, pyrrolyl, thiazolyl, oxazolyl, isoxazolyl, isothiazolyl, thiadiazolyl, pyridyl, pyrimidinyl, etc.], were prepd. Thus, Et 4,4,4-trifluoroacetoacetate in EtOH at 0.degree. was treated with aq. H2CO and then with MeNHNH2 followed by reflux to give Et 1-methyl-3-trifluoromethyl-

4,5-dihydro-1H-pyrazole-4-carboxylate. This was saponified with aq. NaOH and the resulting acid was stirred with (COCl)₂ and cat. DMF in CH₂Cl₂ for 2 h. The resulting mixture was added to 2-(1,3-dimethylbutyl)thiophen-3-ylamine and Et₃N in CH₂Cl₂ followed by stirring for 16 h to give 1-methyl-3-(trifluoromethyl)-4,5-dihydro-1H-pyrazole-4-carboxylic acid [2-(1,3-dimethylbutyl)thiophen-3-yl]amide. The latter as a 0.02% spray on wheat seedlings infected with *Puccinia recondita* spores reduced infection to 0-5%.

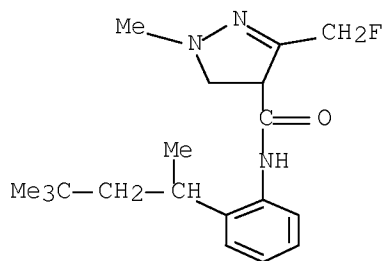
IT 1056483-44-3 1056535-88-6 1056539-81-1
 1056544-69-4 1056544-90-1 1056553-00-4
 1056554-46-1

RL: PRPH (Prophetic)

(Preparation of pyrazole-4-carboxamides as agrochemical microbiocides.)

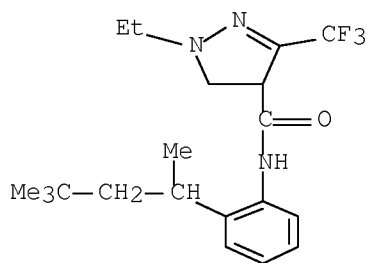
RN 1056483-44-3 CAPLUS

CN INDEX NAME NOT YET ASSIGNED



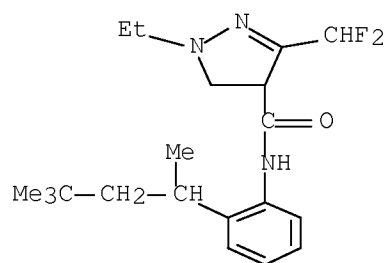
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CN INDEX NAME NOT YET ASSIGNED

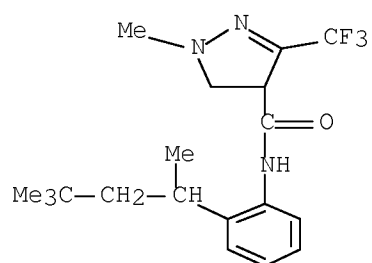


RN 1056539-81-1 CAPLUS

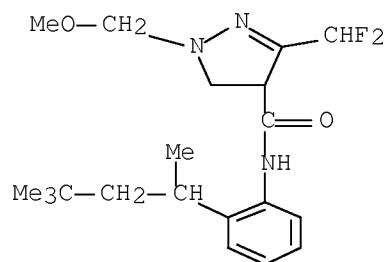
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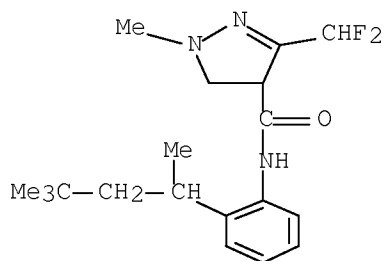
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CN INDEX NAME NOT YET ASSIGNED



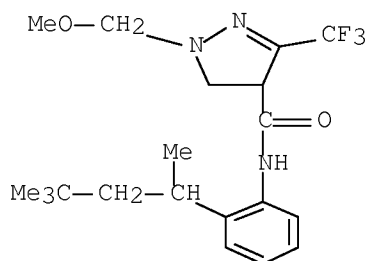
RN 1056544-90-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



RN 1056553-00-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



RN 1056554-46-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED



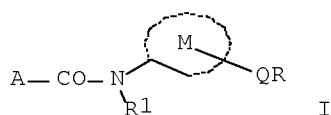
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:1312037 CAPLUS Full-text
DOCUMENT NUMBER: 146:40242
TITLE: Carboxamide fungicides, esp. suitable for rust control
INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Gayer, Herbert;
Greul, Joerg Nico; Wachendorff-Neumann, Ulrike;
Dahmen, Peter; Wetcholowsky, Ingo; Sawada, Haruko;
Hadano, Hiroyuki
PATENT ASSIGNEE(S): Bayer Cropscience AG, Germany
SOURCE: PCT Int. Appl., 58pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

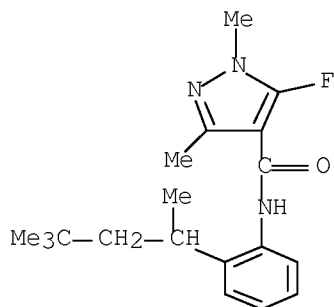
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006131221	A2	20061214	WO 2006-EP5070	20060526
WO 2006131221	A3	20070823		

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VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
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CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
DE 102005025989 A1 20070111 DE 2005-102005025989 20050607
EP 1890540 A2 20080227 EP 2006-743073 20060526
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BA, HR, MK, YU
JP 2008545763 T 20081218 JP 2008-515089 20060526
CN 101212899 A 20080702 CN 2006-80020375 20071207
KR 2008018912 A 20080228 KR 2007-730454 20071227
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WO 2006-EP5070 W 20060526
OTHER SOURCE(S): MARPAT 146:40242
GI

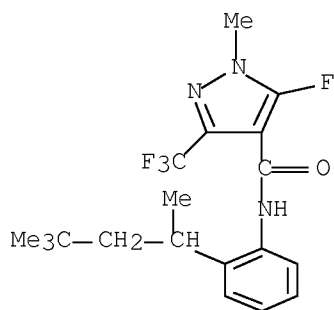


AB Disclosed is the use of carboxamides I [A = (un)substituted aryl or heterocyclyl; R1 = H, alkyl, alkylsulfinyl, alkylsulfonyl, alkoxyalkyl, etc.; M = (un)substituted Ph, thiophene, cycloalkyl or cycloalkenyl; Q = bond, alkylene, alkenylene, O, S, SoSO2 or (un)substituted NH; R = (un)substituted alkyl, Ph, cycloalkyl or bicycloalkyl] for controlling certain rust fungi, such as soybean rust or coffee rust, in crop protection.
IT 494793-45-2 733812-42-5 851764-54-0
851764-57-3 851764-82-4 879882-79-8
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses) (fungicide, esp. suitable for rust control)
RN 494793-45-2 CAPLUS
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



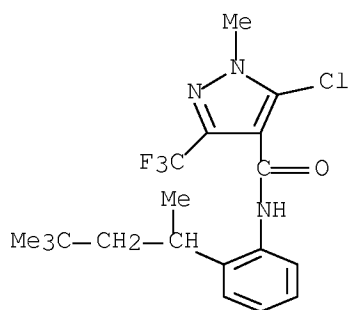
RN 733812-42-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



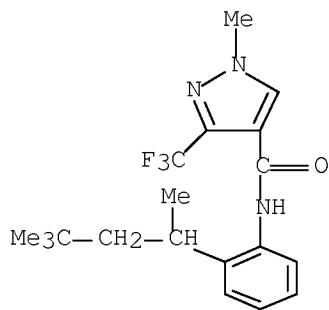
RN 851764-54-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 851764-57-3 CAPLUS

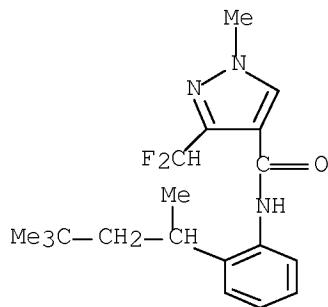
CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 851764-82-4 CAPLUS

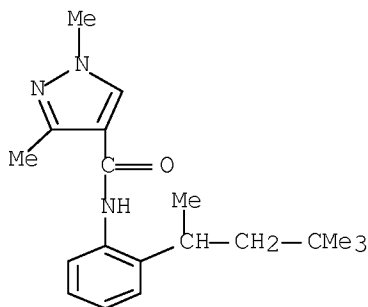
CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-

trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 879882-79-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-
(CA INDEX NAME)



L7 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:1309315 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 146:40241

TITLE: Fungicidal compositions comprising a herbicide

INVENTOR(S): Stenzel, Klaus; Dollinger, Markus; Dahmen, Peter;
Wachendorff-Neumann, Ulrike; Haeuser-Hahn, Isolde;
Grosjean, Marie-Claire; Leroux, Marc Bernard; Sawada,
Haruko; Hadano, Hiroyuki; Gouot, Jean-Marie; Scherb,
Christian

PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

SOURCE: PCT Int. Appl., 75pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

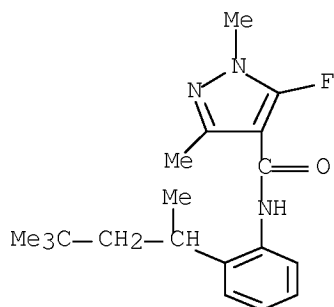
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

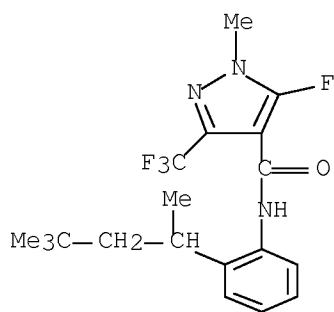
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WO 2006131230	A3	20080103		

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 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
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 DE 102005026482 A1 20061214 DE 2005-102005026482 20050609
 DE 102005026483 A1 20061214 DE 2005-102005026483 20050609
 CA 2611178 A1 20061214 CA 2006-2611178 20060527
 EP 1893024 A2 20080305 EP 2006-791516 20060527
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL,
 BA, HR, MK, YU
 JP 2008542409 T 20081127 JP 2008-515094 20060527
 MX 200715376 A 20080214 MX 2007-15376 20071205
 KR 2008018943 A 20080228 KR 2008-700482 20080108
 CN 101237777 A 20080806 CN 2006-80028459 20080202
 PRIORITY APPLN. INFO.: DE 2005-102005026482A 20050609
 DE 2005-102005026483A 20050609
 WO 2006-EP5094 W 20060527
 AB The invention relates to active substance combinations contg. a known
 herbicide selected from glyphosate, glufosinate or glufosinate ammonium, on
 the one hand, and a known fungicide on the other, and which are well-suited
 for controlling phytopathogenic fungi, particularly soybean rust. The mixts.
 are preferably applied to transgenic plants which are resistant to the
 aforementioned herbicides.
 IT 494793-45-2D, mixts. with herbicides 733812-42-5D,
 mixts. with herbicides 851764-54-0D, mixts. with herbicides
 851764-57-3D, mixts. with herbicides 851764-82-4D,
 mixts. with herbicides 879882-79-8D, mixts. with herbicides
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (fungicidal comps.)
 RN 494793-45-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-
 trimethylbutyl)phenyl]- (CA INDEX NAME)

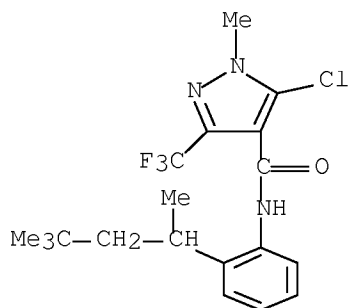


RN 733812-42-5 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-
 (1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



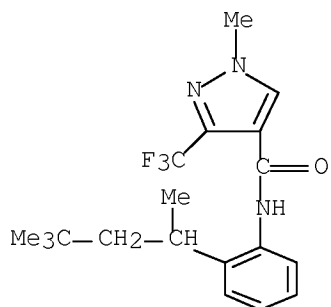
RN 851764-54-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



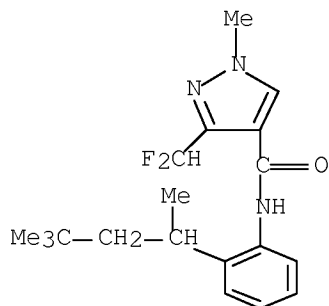
RN 851764-57-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)

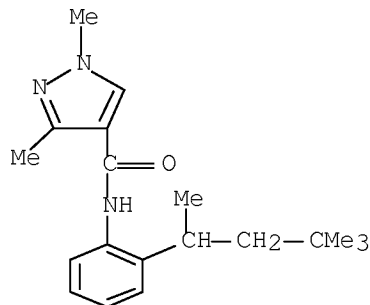


RN 851764-82-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 879882-79-8 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-
 (CA INDEX NAME)



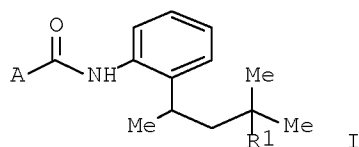
L7 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2006:1154773 CAPLUS Full-text
 DOCUMENT NUMBER: 145:466888
 TITLE: Synergistic insecticidal, acaricidal and fungicidal
 compositions comprising carboxamides
 INVENTOR(S): Suty-Heinze, Anne; Hungenberg, Heike; Thielert,
 Wolfgang; Elbe, Hans-Ludwig
 PATENT ASSIGNEE(S): Bayer CropScience A.-G., Germany
 SOURCE: PCT Int. Appl., 57pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006114212	A2	20061102	WO 2006-EP3487	20060415
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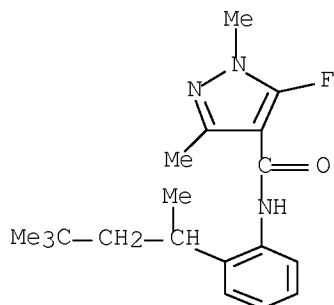
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 KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
 MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,

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 VN, YU, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
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 DE 102005022147 A1 20061102 DE 2005-102005022147 20050513
 AU 2006239579 A1 20061102 AU 2006-239579 20060415
 CA 2606230 A1 20061102 CA 2006-2606230 20060415
 EP 1876897 A2 20080116 EP 2006-742592 20060415
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 JP 2008539179 T 20081113 JP 2008-508114 20060415
 IN 2007DN08053 A 20080704 IN 2007-DN8053 20071018
 MX 200713341 A 20080111 MX 2007-13341 20071025
 KR 2008005570 A 20080114 KR 2007-727288 20071123
 CN 101203135 A 20080618 CN 2006-80022512 20071221
 US 20080293566 A1 20081127 US 2008-912773 20080506
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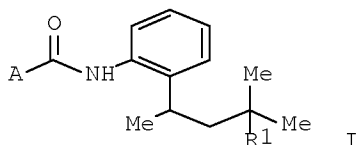


AB The title compns. comprise the carboxamides I [R1 = H, halo, or (halo)alkyl; A
 =(un)substituted Ph, pyrazolyl, thiazolyl, pyridyl, etc.] and any of a very
 large no. of known insecticides.
 IT 494793-45-2D, mixts. contg.
 RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic insecticidal, acaricidal and fungicidal compns.)
 RN 494793-45-2 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-
 trimethylbutyl)phenyl]- (CA INDEX NAME)



L7 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2006:1066670 CAPLUS Full-text
 DOCUMENT NUMBER: 145:371268
 TITLE: Synergistic fungicidal compositions comprising a
 carboxamide derivative
 INVENTOR(S): Suty-Heinze, Anne; Schuetz, Burkhard; Feurer,
 Gerhard-Johann; Elbe, Hans-Ludwig
 PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 26pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006105889	A2	20061012	WO 2006-EP2779	20060327
WO 2006105889	A3	20070412		
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AU 2006231047	A1	20061012	AU 2006-231047	20060327
CA 2603982	A1	20061012	CA 2006-2603982	20060327
JP 2008536828	T	20080911	JP 2008-504661	20060327
EP 1968381	A2	20080917	EP 2006-723756	20060327
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MX 200712290	A	20071016	MX 2007-12290	20071003
IN 2007DN07687	A	20071109	IN 2007-DN7687	20071008
KR 2007118177	A	20071213	KR 2007-725479	20071102
CN 101188935	A	20080528	CN 2006-80019449	20071130
US 20080255071	A1	20081016	US 2008-910516	20080225
PRIORITY APPLN. INFO.:			DE 2005-102005015850A	20050407
			WO 2006-EP2779	A 20060327
OTHER SOURCE(S):			MARPAT 145:371268	
GI				

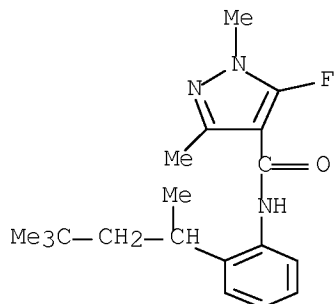


AB Synergistic fungicidal compns. comprise a carboxamide deriv. I [R1 = H, halo or (halo)alkyl; A = (un)substituted Ph, pyrazolyl, thiazolyl, etc.] and tolcluphos-Me and/or flutolanil.

IT 494793-45-2D, mixts. contg.
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)

RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



L7 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2006:273896 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 144:306857

TITLE: Synergistic fungicidal compositions comprising spiroxamine, an azole and a carboxamide derivative

INVENTOR(S): Dahmen, Peter; Wachendorff-Neumann, Ulrike; Dunkel, Ralf

PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

SOURCE: Ger. Offen., 29 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 102004045242	A1	20060323	DE 2004-102004045242	20040917
CA 2580371	A1	20050903	CA 2005-2580371	20050903
AU 2005287651	A1	20060330	AU 2005-287651	20050903
WO 2006032356	A1	20060330	WO 2005-EP9503	20050903

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM
 EP 1796468 A1 20070620 EP 2005-783768 20050903
 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
 CN 101022729 A 20070822 CN 2005-80031348 20050903
 BR 2005015422 A 20080722 BR 2005-15422 20050903
 US 20080269263 A1 20081030 US 2007-575470 20070801
 PRIORITY APPLN. INFO.: DE 2004-102004045242A 20040917
 WO 2005-EP9503 W 20050903

OTHER SOURCE(S): MARPAT 144:306857

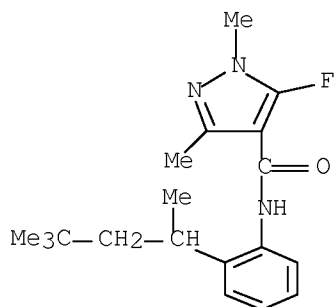
AB Synergistic fungicidal compns. comprise spiroxamine, a known azole fungicide,
 such as prothioconazole, and a known carboxamide deriv. fungicide.

IT 494793-45-2D, mixts. with spiroxamine and azoles
 733812-42-5D, mixts. with spiroxamine and azoles
 851764-54-0D, mixts. with spiroxamine and azoles
 851764-57-3D, mixts. with spiroxamine and azoles
 851764-82-4D, mixts. with spiroxamine and azoles
 879882-79-8D, mixts. with spiroxamine and azoles

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
 (synergistic fungicide compns.)

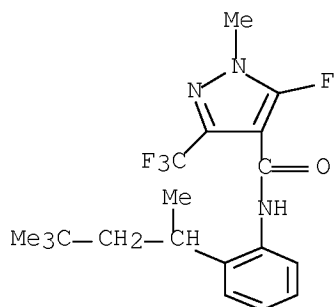
RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-
 trimethylbutyl)phenyl]- (CA INDEX NAME)



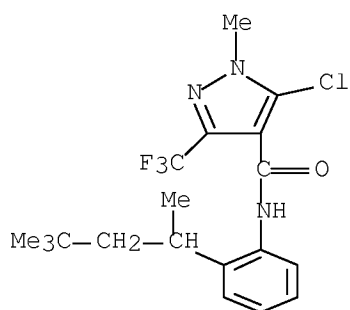
RN 733812-42-5 CAPLUS

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 (1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



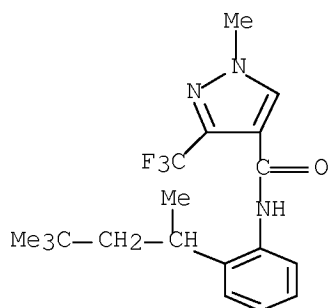
RN 851764-54-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-chloro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



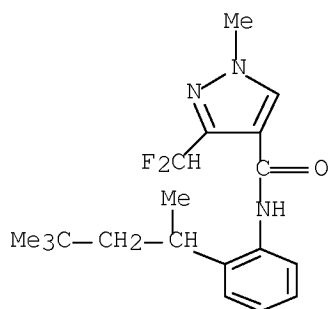
RN 851764-57-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



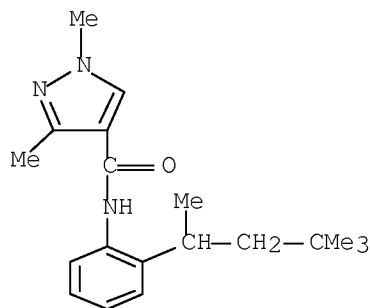
RN 851764-82-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 879882-79-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-
(CA INDEX NAME)



L7 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:570878 CAPLUS Full-text
 DOCUMENT NUMBER: 143:97352
 TITLE: Preparation of pyrazole-4-carboxamides and related compounds as microbicides
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Hartmann, Benoit; Greul, Joerg Nico; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz; Suty-Heinze, Anne
 PATENT ASSIGNEE(S): Bayer CropScience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 57 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

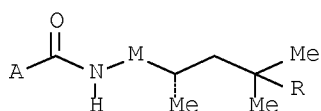
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WO 2005058839	A1	20050630	WO 2004-EP13834	20041206
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DE 102004005317	A1	20050721	DE 2004-102004005317	20040204
AU 2004299217	A1	20050630	AU 2004-299217	20041206
CA 2549821	A1	20050630	CA 2004-2549821	20041206
EP 1697329	A1	20060906	EP 2004-803543	20041206
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CN 1894219	A	20070110	CN 2004-80037963	20041206
BR 2004017616	A	20070410	BR 2004-17616	20041206
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 PRIORITY APPLN. INFO.:

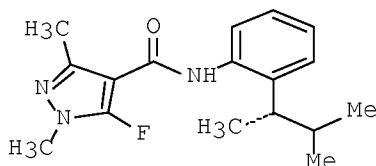
A 20070831
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 A1 20071129

IN 2006-DN3375 20060612
 MX 2006-PA6744 20060614
 US 2007-583312 20070426
 DE 2003-10359511 A 20031218
 DE 2004-102004004141A 20040128
 DE 2004-102004005317A 20040204
 WO 2004-EP13834 W 20041206

GI



I



II

AB Title compds. I [R = H, F, Cl, etc.; M = (un)substituted phenyls, thiophenes, etc.; A = (un)substituted pyrazoles, phenyls, pyrroles, etc.] were prepd. For example, chiral HPLC purifn. of N-[2-(1,3-dimethylbutyl)phenyl]-5-fluoro-1,3-dimethyl-1H-pyrazole-4-carboxamide, afforded (+)-pyrazole-4-carboxamide II in 99% ee. In podosphaera leucotricha apple protection assays, (+)-pyrazole-4-carboxamide II at 50 g/ha (sic) provided 100% protection.

IT 856017-54-4P

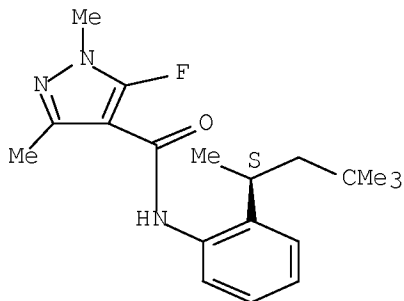
RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrazole-4-carboxamides and related compds. as microbicides)

RN 856017-54-4 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-[(1S)-1,3,3-trimethylbutyl]phenyl]- (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



REFERENCE COUNT:

4

THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

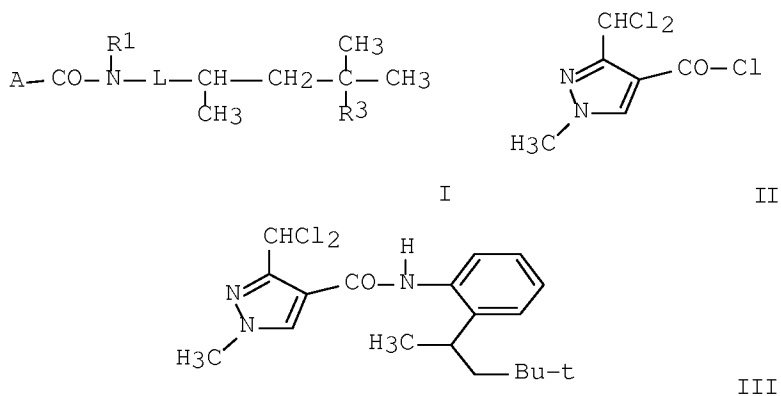
L7 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2005:409485 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 142:463762

TITLE: Preparation of pyrazolylcarboxanilides and related compounds as microbicides
 INVENTOR(S): Elbe, Hans-Ludwig; Gebauer, Olaf; Greul, Joerg Nico; Hartmann, Benoit; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany; Dunkel, Ralf
 SOURCE: PCT Int. Appl., 83 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005042493	A1	20050512	WO 2004-EP11397	20041012
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LG, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10352082	A1	20050525	DE 2003-10352082	20031107
IN 2004DE01799	A	20070112	IN 2004-DE1799	20040923
AU 2004285635	A1	20050512	AU 2004-285635	20041012
CA 2543052	A1	20050512	CA 2004-2543052	20041012
EP 1678142	A1	20060712	EP 2004-790293	20041012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1871219	A	20061129	CN 2004-80031204	20041012
BR 2004015462	A	20061219	BR 2004-15462	20041012
JP 2007509087	T	20070412	JP 2006-535995	20041012
MX 2006PA04306	A	20060907	MX 2006-PA4306	20060418
ZA 2006003102	A	20070926	ZA 2006-3102	20060419
US 20070037858	A1	20070215	US 2006-576243	20061027
PRIORITY APPLN. INFO.:			DE 2003-10349499	A 20031023
			DE 2003-10352082	A 20031107
			WO 2004-EP11397	W 20041012
OTHER SOURCE(S):		MARPAT 142:463762		
GI				



AB Title compds. I [A = substituted pyrazoles, thioles, pyridines, etc.; L = Ph, thioles with provisos; R3 = halo, alkyl, haloalkyl, etc.] were prepd. For example, N-acylation of [2-(1,3,3-trimethylbutyl)phenyl]amine with acid chloride II afforded pyrazolylcarboxanilide III in 89% yield. In venturia apple protection assays, 10-examples of compds. I exhibited 92-100% efficiency at 100 g/ha (sic) application. Compds. I are claimed to be useful for the controlling of undesired microorganisms.

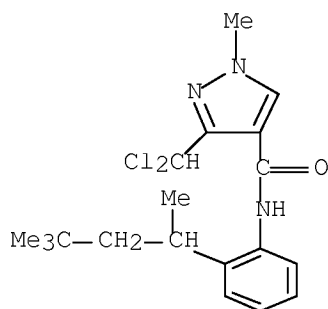
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 851764-58-4P 851764-59-5P 851764-60-8P
 851764-61-9P 851764-62-0P 851764-82-4P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrazolylcarboxanilides and related compds. as microbicides)

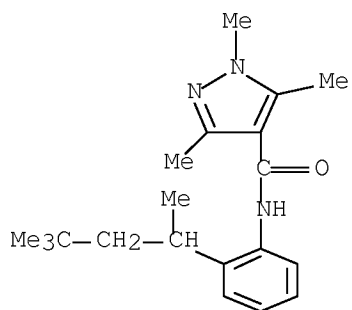
RN 851764-52-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(dichloromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



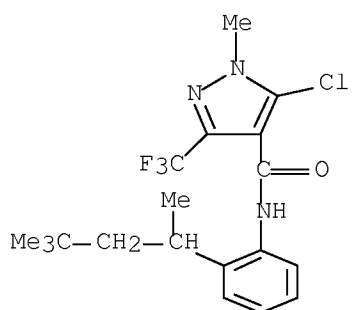
RN 851764-53-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1,3,5-trimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



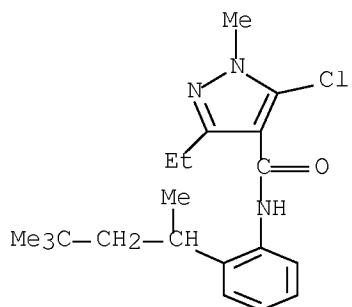
RN 851764-54-0 CAPLUS

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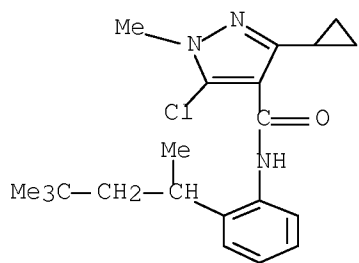
RN 851764-55-1 CAPLUS

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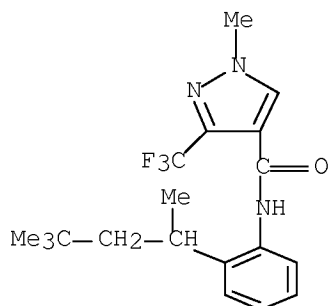
RN 851764-56-2 CAPLUS

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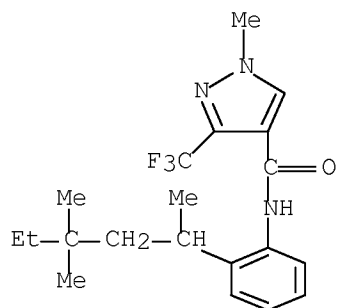
RN 851764-57-3 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



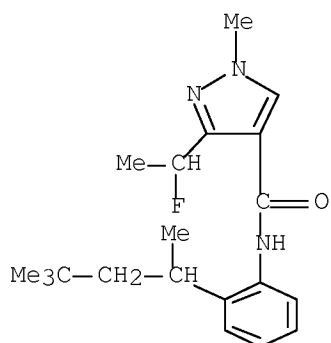
RN 851764-58-4 CAPLUS

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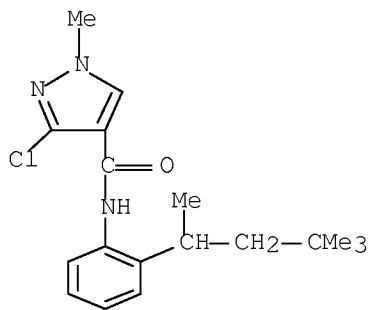
RN 851764-59-5 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-(1-fluoroethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



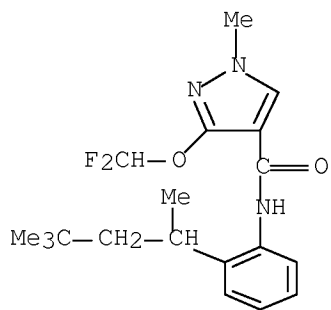
RN 851764-60-8 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-chloro-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



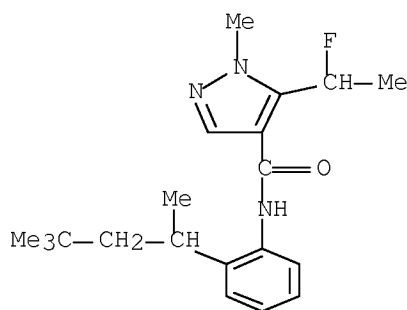
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CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethoxy)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)

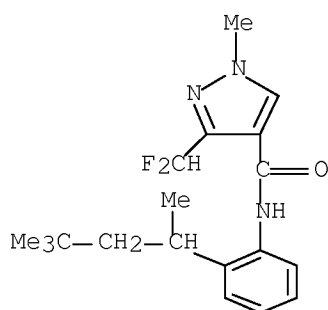


RN 851764-62-0 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-(1-fluoroethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 851764-82-4 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 3-(difluoromethyl)-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:409472 CAPLUS Full-text
 DOCUMENT NUMBER: 142:463760
 TITLE: Preparation of 5-fluoro-1-methyl-3-1H-pyrazoles as microbicide agents
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico; Hartmann, Benoit; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 47 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005042480	A2	20050512	WO 2004-EP11396	20041012
WO 2005042480	A3	20050721		
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 SN, TD, TG

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IN 2004DE01801	A	20070427	IN 2004-DE1801	20040923
AU 2004285634	A1	20050512	AU 2004-285634	20041012
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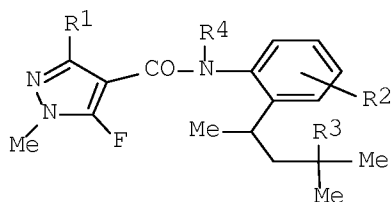
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CN 1871221	A	20061129	CN 2004-80031205	20041012
BR 2004015846	A	20070102	BR 2004-15846	20041012
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MX 2006PA04341	A	20060605	MX 2006-PA4341	20060419
KR 2007052234	A	20070521	KR 2006-708131	20060427
US 20070072930	A1	20070329	US 2006-576050	20060726

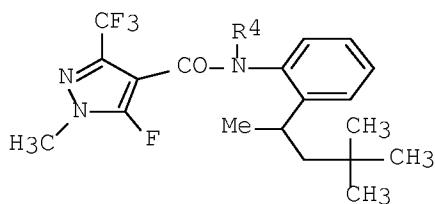
PRIORITY APPLN. INFO.:

DE 2003-10349497	A	20031023
WO 2004-EP11396	W	20041012

OTHER SOURCE(S): MARPAT 142:463760
 GI



I



II

AB Title compds. I [R1 = CH3, CF3, CF2H; R2 = H, F, Cl, etc.; R3 = H, halo, alkyl, etc.; R4 = alkyl, alkylsulfinyl, alkylsulfonyl, etc.] were prepd. For example, N-acetylation of amide II (R4 = H), afforded pyrazolylcarboxanilide II (R4 = COCH3) in 55% yield. In venturia apple protection assays, 2-examples of compds. I exhibited 100% efficiency at 100 g/ha (sic) application. Compds. I are claimed to be useful for the controlling of undesired microorganisms.

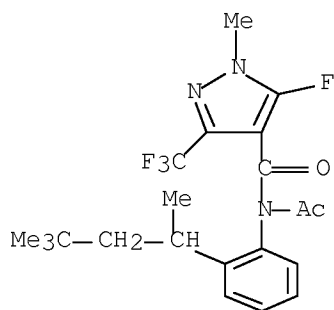
IT 851770-54-2P 851770-55-3P 851770-56-4P
 851770-58-6P 851770-59-7P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of pyrazolylcarboxanilides as microbicide agents)

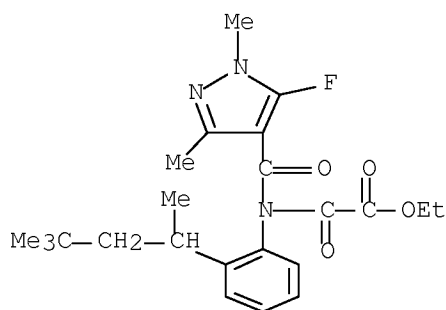
RN 851770-54-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, N-acetyl-5-fluoro-1-methyl-3-(trifluoromethyl)-
N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



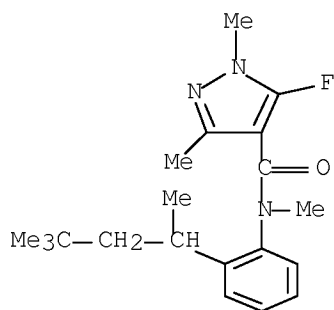
RN 851770-55-3 CAPLUS

CN Acetic acid, 2-[[[5-fluoro-1,3-dimethyl-1H-pyrazol-4-yl)carbonyl][2-(1,3,3-trimethylbutyl)phenyl]amino]-2-oxo-, ethyl ester (CA INDEX NAME)



RN 851770-56-4 CAPLUS

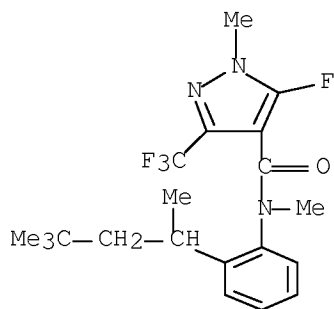
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N,1,3-trimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 851770-58-6 CAPLUS

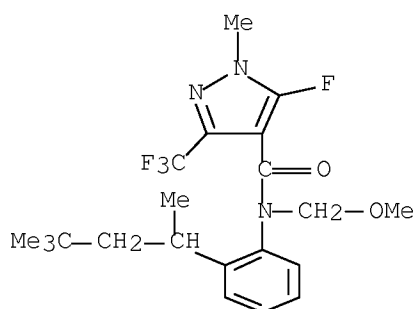
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N,1-dimethyl-3-(trifluoromethyl)-N-[2-

(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 851770-59-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-N-(methoxymethyl)-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)

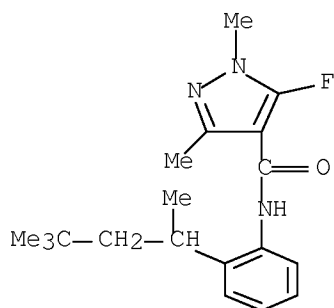


IT 494793-45-2 733812-42-5

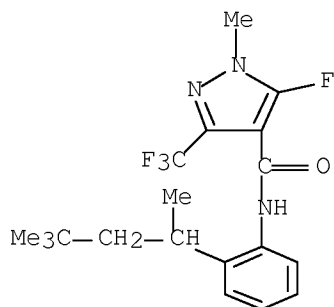
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of pyrazolylcarboxanilides as microbicide agents)

RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



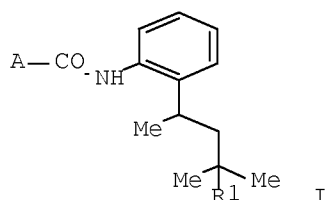
RN 733812-42-5 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



L7 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:405320 CAPLUS [Full-text](#)
 DOCUMENT NUMBER: 142:425351
 TITLE: Synergistic fungicidal combinations comprising a carboxamide derivative
 INVENTOR(S): Wachendorff-Neumann, Ulrike; Dahmen, Peter; Dunkel, Ralf; Elbe, Hans-Ludwig; Rieck, Heiko; Suty-Heinze, Anne
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 126 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005041653	A2	20050512	WO 2004-EP11403	20041012
WO 2005041653	A3	20050728		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10349501	A1	20050525	DE 2003-10349501	20031023
IN 2004DN01804	A	20070302	IN 2004-DN1804	20040923
AU 2004285267	A1	20050512	AU 2004-285267	20041012
CA 2543053	A1	20050512	CA 2004-2543053	20041012
EP 1677598	A2	20060712	EP 2004-790298	20041012
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1870895	A	20061129	CN 2004-80031206	20041012

BR 2004015758	A	20061219	BR 2004-15758	20041012
JP 2007509088	T	20070412	JP 2006-535996	20041012
MX 2006PA04309	A	20060605	MX 2006-PA4309	20060418
KR 2006123146	A	20061201	KR 2006-709158	20060511
NO 2006002337	A	20060630	NO 2006-2337	20060523
PRIORITY APPLN. INFO.:			DE 2003-10349501	A 20031023
			WO 2004-EP11403	W 20041012
OTHER SOURCE(S):	MARPAT 142:425351			
GI				



AB Synergistic fungicidal combinations comprise a carboxamide deriv. I [R1 = H, halo or (halo)alkyl; R1 = (un)substituted Ph, furyl, pyridinyl, etc.] and any of a very large no. of known fungicides.

IT 851018-48-9 851018-50-3 851018-51-4
851018-60-5

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compn.)

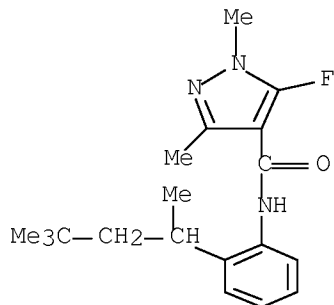
RN 851018-48-9 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-, mixt. with
2-[2-(1-chlorocyclopropyl)-3-(2-chlorophenyl)-2-hydroxypropyl]-1,2-dihydro-3H-1,2,4-triazole-3-thione (9CI) (CA INDEX NAME)

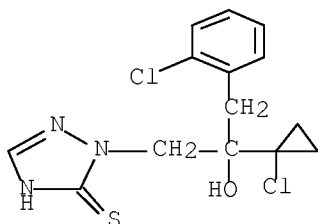
CM 1

CRN 494793-45-2

CMF C19 H26 F N3 O



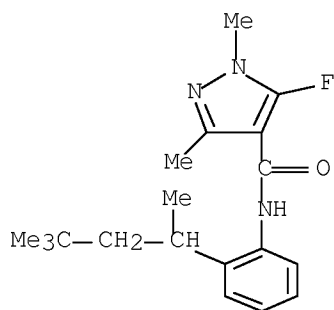
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 CMF C14 H15 Cl2 N3 O S



RN 851018-50-3 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-, mixt. with
 (1E)-[2-[[6-(2-chlorophenoxy)-5-fluoro-4-pyrimidinyl]oxy]phenyl](5,6-dihydro-1,4,2-dioxazin-3-yl)methanone O-methyloxime (9CI) (CA INDEX NAME)

CM 1

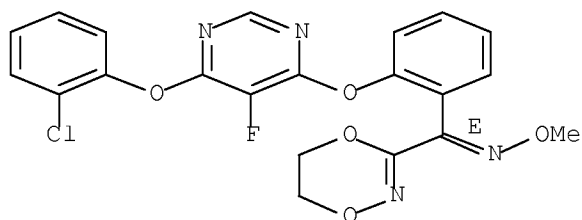
CRN 494793-45-2
 CMF C19 H26 F N3 O



CM 2

CRN 361377-29-9
 CMF C21 H16 Cl F N4 O5

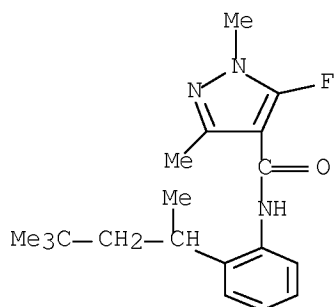
Double bond geometry as shown.



RN 851018-51-4 CAPLUS
 CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]-, mixt. with
 .alpha.-[2-(4-chlorophenyl)ethyl]-.alpha.-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol (9CI) (CA INDEX NAME)

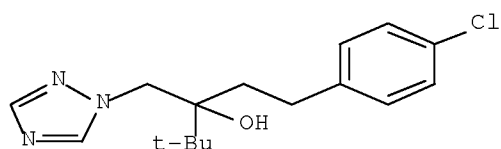
CM 1

CRN 494793-45-2
 CMF C19 H26 F N3 O



CM 2

CRN 107534-96-3
 CMF C16 H22 Cl N3 O



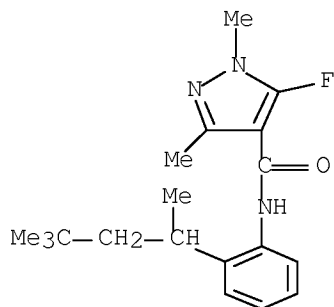
RN 851018-60-5 CAPLUS
 CN Benzeneacetic acid, .alpha.-(methoxyimino)-2-[[[(E)-[1-[3-(trifluoromethyl)phenyl]ethylidene]amino]oxy]methyl]-, methyl ester, (.alpha.E)-, mixt. with 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-

trimethylbutyl)phenyl]-1H-pyrazole-4-carboxamide (9CI) (CA INDEX NAME)

CM 1

CRN 494793-45-2

CMF C19 H26 F N3 O

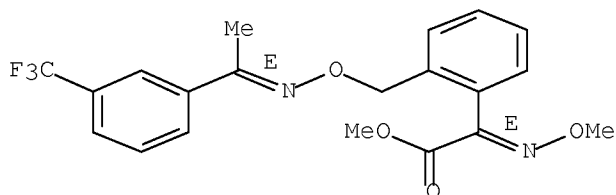


CM 2

CRN 141517-21-7

CMF C20 H19 F3 N2 O4

Double bond geometry as shown.

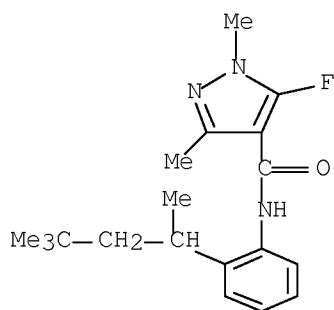


IT 494793-45-2D, mixts. contg.

RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(synergistic fungicidal compns.)

RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)

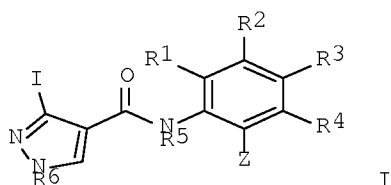


L7 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2004:1037078 CAPLUS Full-text
 DOCUMENT NUMBER: 142:23275
 TITLE: Preparation of iodopyrazolyl carboxanilides as antimicrobials.
 INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, Joerg Nico; Hartmann, Benoit; Wachendorff-Neumann, Ulrike; Dahmen, Peter; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 95 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004103975	A1	20041202	WO 2004-EP5066	20040512
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10325439	A1	20041209	DE 2003-10325439	20030605
AU 2004240720	A1	20041202	AU 2004-240720	20040512
CA 2526369	A1	20041202	CA 2004-2526369	20040512
EP 1628962	A1	20060301	EP 2004-732311	20040512
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004010494	A	20060613	BR 2004-10494	20040512
CN 1791582	A	20060621	CN 2004-80013715	20040512
JP 2006528946	T	20061228	JP 2006-529789	20040512
IN 2005DN04853	A	20070817	IN 2005-DN4853	20051024
MX 2005PA12362	A	20060202	MX 2005-PA12362	20051116
US 20070066673	A1	20070322	US 2006-557083	20060527
PRIORITY APPLN. INFO.:			DE 2003-10322910	A 20030521
			DE 2003-10325439	A 20030605

OTHER SOURCE(S):
GI

MARPAT 142:23275



AB Title compds. [I; R1-R4 = H, F, Cl, Me, Me2CH, MeS; R5 = H, alkyl, alkylsulfinyl, alkylsulfonyl, alkoxyalkyl, cycloalkyl, haloalkyl, haloalkylthio, haloalkylsulfinyl, haloalkylsulfonyl, haloalkoxyalkyl, halocycloalkyl, etc.; R6 = alkyl, alkoxyalkyl, haloalkyl; Z = (substituted) Ph, alkyl, alkenyl, alkynyl; or R1-R3 = H, F, Cl; ZR4 = atoms to form a 5-6 membered (heterocyclic) ring], were prepd. Thus, 3-iodo-1-methyl-1H-pyrazole-4-carboxylic acid (prepn. given), 3',4'-dichloro-5-fluorobiphenyl-2-amine, N,N-diisopropylethylamine, and bromotripyrrolidinophosphonium hexafluorophosphate were stirred together for 3 days in CH2Cl2 to give 53.5% N-(3',4'-dichloro-5-fluorobiphen-2-yl)-3-iodo-1-methyl-1H-pyrazole-4-carboxamide. Several I at 100 g/ha gave 100% protection against Podosphaera leucotricha on apples.

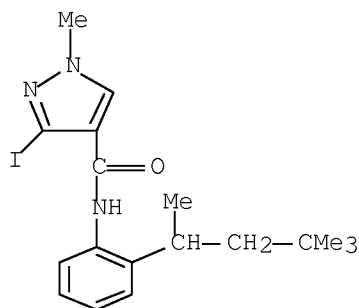
IT 799835-07-7F

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of iodopyrazolyl carboxanilides as antimicrobials)

RN 799835-07-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 3-iodo-1-methyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN

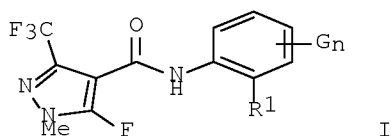
ACCESSION NUMBER: 2004:648511 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 141:174168

TITLE: Preparation of pyrazolylcarboxanilides as microbicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Dahmen, Peter;
 Wachendorff-Neumann, Ulrike; Kuck, Karl-Heinz
 PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany
 SOURCE: PCT Int. Appl., 62 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004067515	A1	20040812	WO 2004-EP344	20040119
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
DE 10303589	A1	20040812	DE 2003-10303589	20030129
AU 2004207622	A1	20040812	AU 2004-207622	20040119
CA 2514379	A1	20040812	CA 2004-2514379	20040119
EP 1590330	A1	20051102	EP 2004-703168	20040119
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2004007145	A	20060207	BR 2004-7145	20040119
CN 1745068	A	20060308	CN 2004-80003200	20040119
JP 2006518345	T	20060810	JP 2006-501555	20040119
US 20060089399	A1	20060427	US 2005-543210	20050722
US 7358214	B2	20080415		
MX 2005PA07987	A	20050920	MX 2005-PA7987	20050727
PRIORITY APPLN. INFO.:			DE 2003-10303589	A 20030129
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OTHER SOURCE(S):			MARPAT 141:174168	
GI				



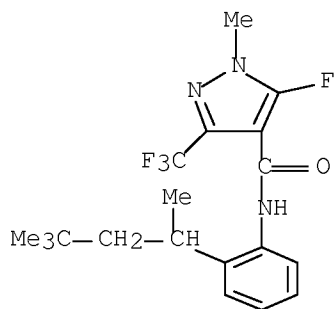
AB Title compds. [I; R1 = (substituted) alkylalkenyl, alkynyl; G = halo, alkyl; n = 0-2], were prep'd. Thus, 5-fluoro-1-methyl-3-trifluoromethylpyrazole-4-carbonyl chloride in THF was added at -10.degree. to 0.degree. to a mixt. of 2-(1,3,3-trimethylbutyl)phenylamine and Et3N in THF followed by stirring for 1 h at 0.degree. to give 94% I (Gn = null; R1 = 1,3,3-trimethylbutyl). The latter at 500 ppm gave 100% control of Puccinia recondita on wheat.

IT 733812-42-5P 733812-44-7P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of pyrazolylcarboxanilides as microbicides)

RN 733812-42-5 CAPLUS

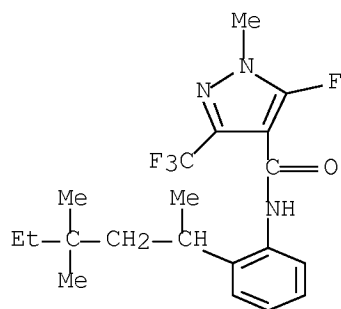
CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-

(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



RN 733812-44-7 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1-methyl-3-(trifluoromethyl)-N-[2-(1,3,3-trimethylpentyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:97403 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 138:137308

TITLE: Preparation of 1H-pyrazole-4-carboxanilides as agricultural fungicides and bactericides

INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel, Ralf; Zhu-Ohlbach, Qin; Mauler-Machnik, Astrid; Wachendorff-Neumann, Ulrike; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 98 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

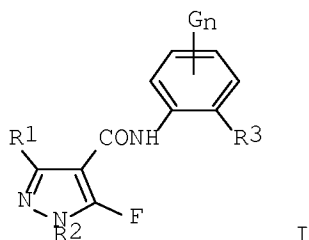
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

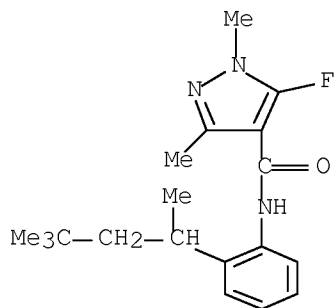
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WO 2003010149	A1	20030206	WO 2002-EP7779	20020712
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 DE 10136065 A1 20030213 DE 2001-10136065 20010725
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 CN 1533380 A 20040929 CN 2002-814474 20020712
 CN 1255384 C 20060510
 HU 2004001478 A2 20041129 HU 2004-1478 20020712
 HU 2004001478 A3 20070228
 JP 2005501044 T 20050113 JP 2003-515508 20020712
 MX 2004PA00622 A 20040420 MX 2004-PA622 20040120
 ZA 2004000434 A 20050121 ZA 2004-434 20040121
 US 20040204470 A1 20041014 US 2004-484108 20040510
 PRIORITY APPLN. INFO.: DE 2001-10136065 A 20010725
 WO 2002-EP7779 W 20020712
 OTHER SOURCE(S): MARPAT 138:137308
 GI



AB Title compds. [I; R1 = H, cyano, halo, NO2, (halo)alkyl, cycloalkyl,
 (halo)alkoxy, (halo)alkylthio, aminocarbonylalkyl; R2 = H, (halo)alkyl,
 alkenyl, cycloalkyl, (halo)alkylthioalkyl, (halo)alkoxyalkyl; G = halo, alkyl;
 R3 = (substituted) alkyl, alkenyl, alkynyl; n = 0-2] for treating undesirable
 microorganisms, were prepd. Thus, a mixt. of 2-(1,3,3-trimethylbutyl)aniline,
 5-fluoro-1,3-dimethyl-1H-pyrazole-4- carbonyl chloride, and K2CO3 in MeCN was
 stirred over night at room temp. to give 42% 5-fluoro-1,3-dimethyl-N-[2-
 (1,3,3-trimethylbutyl)phenyl]-1H- pyrazole-4-carboxamide. I (R1, R2 = Me; R3
 = 1-methylbutyl; G = H) at 250 ppm gave 100% control of Pyrenophora on barley.
 IT 494793-45-2P
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN
 (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
 (Uses)
 (prepn. of pyrazolecarboxanilides as agricultural fungicides and
 bactericides)
 RN 494793-45-2 CAPLUS

CN 1H-Pyrazole-4-carboxamide, 5-fluoro-1,3-dimethyl-N-[2-(1,3,3-trimethylbutyl)phenyl]- (CA INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

=>

Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	104.51	332.54
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-15.20	-15.20

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:14:05 ON 19 DEC 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptaylc1626

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 13:15:03 ON 19 DEC 2008
FILE 'CAPLUS' ENTERED AT 13:15:03 ON 19 DEC 2008
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	104.51	332.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-15.20	-15.20

=> d his

(FILE 'HOME' ENTERED AT 13:02:32 ON 19 DEC 2008)

FILE 'REGISTRY' ENTERED AT 13:02:51 ON 19 DEC 2008

```

L1          STRUCTURE UPLOADED
L2          49 S L1
L3          830 S L1 FULL
L4          STRUCTURE UPLOADED
L5          3 S L4 SAM SSS SUB=L3
L6          35 S L4 FULL SSS SUB=L3

```

FILE 'CAPLUS' ENTERED AT 13:12:45 ON 19 DEC 2008

```

L7          19 S L6

```

=> save l3

ENTER NAME OR (END):yc10576243/A

ANSWER SET NOT SAVED.

THE ANSWER SET WAS CREATED IN FILE 'REGISTRY'.

USE THE FILE COMMAND TO CHANGE TO THE CORRECT FILE.

Answer sets must be saved in the same file in which they were created.

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	104.99	333.02

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-15.20	-15.20

FILE 'REGISTRY' ENTERED AT 13:15:49 ON 19 DEC 2008

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 DEC 2008 HIGHEST RN 1086785-80-9

DICTIONARY FILE UPDATES: 18 DEC 2008 HIGHEST RN 1086785-80-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stdoc/properties.html>

=> save 13

ENTER NAME OR (END):yc10576243/A

ANSWER SET L3 HAS BEEN SAVED AS 'YC10576243/A'

=>

=>

Executing the logoff script...

=> LOG H

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.46	333.48
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-15.20

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 13:16:18 ON 19 DEC 2008